

SUMMARY FISHING RECORD
Form 3600-63

Department of Natural Resources

County Oneida	Waters Julia MWBC: 1614300
Sampling Objective Baseline monitoring	Number and Locations of Stations (Habitat)
Period Fished (Dates) 04-May-2009	Miles Actually Shocked = 6.4 Acres = 392 Total Miles of Shoreline = 6.6 Total Miles of Shockable Shoreline = 6.6
	Source GPS LM LM LM

GEAR

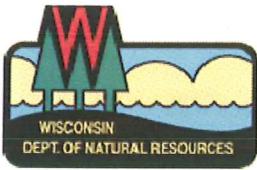
Boomshocker (Hours) gamefish (entire shoreline) 3.8 all species (two 0.5-mile stations) 0.6	Time X Night Day
Visual Hours	Time of Day
	Haul Seine (Length)
	Mesh Size
	Area Covered
Angling (Hours)	Time of Day
	Mini fyke (No. of Net)
	Mesh Size
	Depth
Minnow Seine (No. of Hauls)	Area Covered
	Gill Net (No. of Feet x of Lifts)
	Mesh Size
	Depth
Other (Hours or Lifts) Boomshocker(s): 1 Dip Netter(s): 2	Mini-boomshocker(s): Dip Netter(s): Characteristics Water Temp: 52

FISHING RESULTS

Species	No.	Modal Size(s)	Size Range	Catch/Unit	
Walleye	157	9.5, 11.5	7.0 - 27.4	41.50 /hour	24.53 / mile
Largemouth Bass	15	12.5	3.2 - 17.0	3.96 / hour	2.34 / mile
Smallmouth Bass	36	11.0	7.0 - 20.7	9.52 /hour	5.63 / mile
Muskellunge	34	16.50	11.0 - 39.8	8.99 /hour	5.31 / mile
Northern Pike	1	17.0	- 17.0	0.26 /hour	0.16 / mile
Bluegill	39	2.75	2.0 - 6.9	61.58 /hour	39 / mile
Black Crappie	1	9.25	- 9.2	1.58 /hour	1 / mile
Yellow Perch	20	5.75	2.5 - 8.9	31.58 /hour	20 / mile
Pumpkinseed	10	4.25	3.5 - 6.4	15.79 /hour	10 / mile
Bluegill x Pumpkinseed hybrid	5	-	4.0 - 7.9	7.89 /hour	5 / mile
White Sucker	29	9.25, 11.75	2.5 - 15.4	45.79 /hour	29 / mile
Golden Shiner	8	-	-	12.63 /hour	8 / mile
Bluntnose minnow	4	-	-	6.32 /hour	4 / mile
Log perch	3	-	-	4.74 /hour	3 / mile
Mottled sculpin	1	-	-	1.58 /hour	1 / mile

OBSERVATIONS

1) Mortality: None	2) Weather: Partly cloudy, warm.	3) Reliability: High
4) Stocking: None	5) Adverse Conditions: None.	
6) Comments: Gamefish of all sizes collected along the entire shoreline. All species collected on two, 0.5-mile index stations.		
Signed (Compiler)	John Kubisiak	Date 03/09/10



WISCONSIN DNR FISHERIES INFORMATION SHEET

LAKE: Julia - 3-Lakes area

COUNTY: ONEIDA and FOREST

YEAR: 2009

The Department of Natural Resources surveyed Julia Lake, Oneida County with a boomshocker on May 4, 2009 as part of a baseline survey. The baseline surveys are designed to inventory fish populations across a variety of lakes. Julia is a soft water drainage lake with a surface area of 392 acres, 6.6 miles of shoreline and a maximum depth of 45 feet.

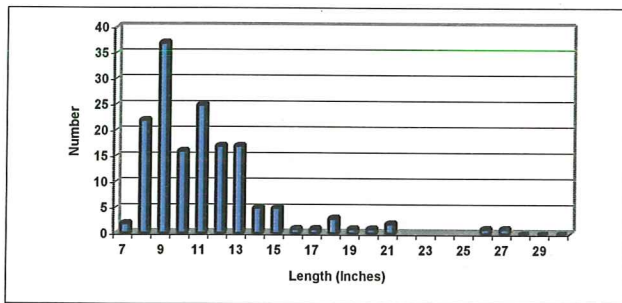


Figure 1. Length frequency distribution of 157 walleye captured during a survey of Julia Lake, Oneida County, May 4 2009.

Muskellunge

We captured 34 muskellunge in Julia Lake. The largest fish was a 39.8-inch tiger (hybrid northern pike x muskellunge). Julia is being stocked in odd-numbered years, including 267 large fingerling muskellunge in 2007. The age-2 stocked fish likely include fish 15 to about 19.5 inches in length. The two 11-inch fish and some of the four 20 to 22-inch fish very likely originated from natural reproduction. Given the natural reproduction, stocking should be reduced or discontinued. A single 17.6-inch northern pike was captured.

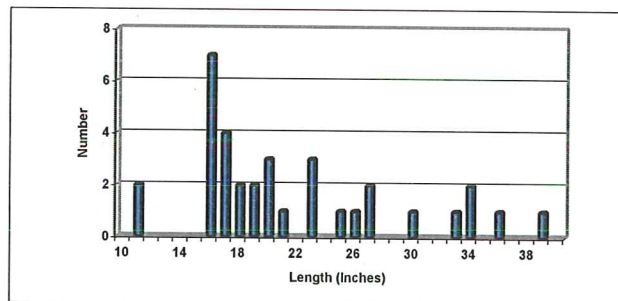


Figure 2. Length frequency distribution of 34 muskellunge captured during a survey of Julia Lake, Oneida County, May 4 2009.

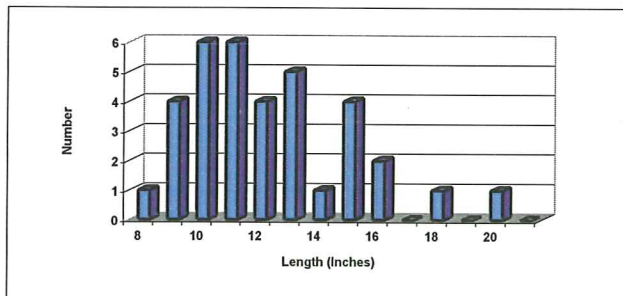


Figure 3. Length frequency distribution of 36 smallmouth bass captured during a survey of Julia Lake, Oneida County, May 4 2009.

Largemouth bass

We didn't pick up any largemouth along the first 3 miles, covering most of the south shoreline.; all 15 largemouth came after 11 p.m. They ranged from 3.2 to 17.0 inches in length.

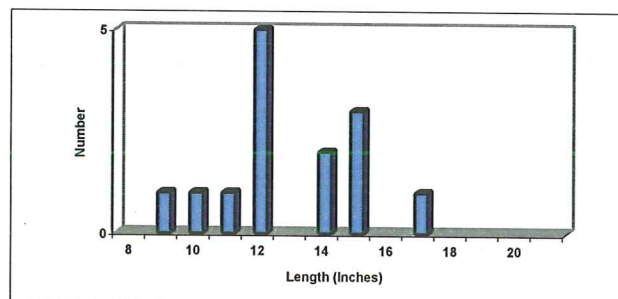


Figure 4. Length frequency distribution of 14 largemouth bass captured during a survey of Julia Lake, Oneida County, May 4 2009.

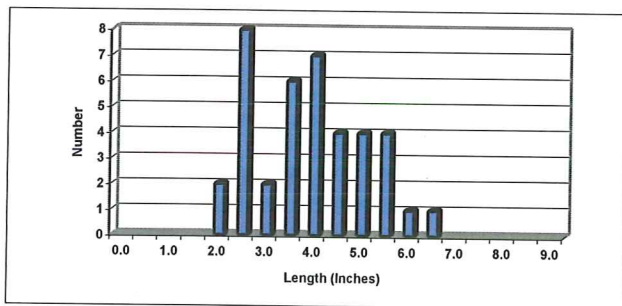


Figure 5. Length frequency distribution of 39 bluegill captured during a survey of Julia Lake, Oneida County, May 4 2009.

Yellow perch

We captured 20 yellow perch in Julia Lake with the peak catch made up of 5.5 to 5.9-inch fish.

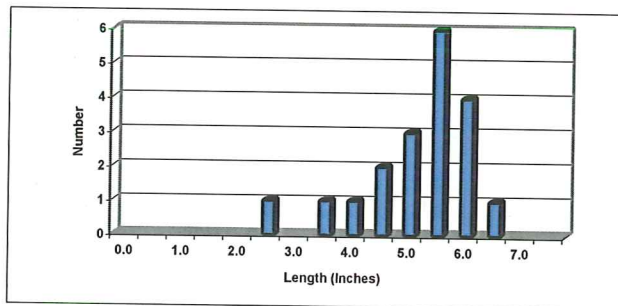


Figure 6. Length frequency distribution of 20 yellow perch captured during a survey of Julia Lake, Oneida County, May 4 2009.

Other Species

We captured 15 species of fish in our electroshocking sample of Julia Lake. In addition to the species listed above, we caught 1 northern pike, 17.6 inches in length, 10 pumpkinseed, 5 bluegill X pumpkinseed hybrids, 1 black crappie, 8 golden shiner, 29 white sucker, 4 bluntnose minnow, 3 log perch and 1 mottled sculpin.

Consumption advisory

Julia has a fish consumption advisory due to elevated mercury levels. Women of child-bearing age and children are advised not to eat walleye larger than 15 inches. There is no minimum length limit on walleye because of the mercury advisory. Bluegill and rock bass were found to be within normal limits, while bass, northern pike and muskellunge have not been tested. Larger, older fish of those game species likely have elevated mercury levels as well.

John Kubisiak, Fisheries Biologist
 Wisconsin Department of Natural Resources
 107 Sutliff Avenue
 Rhinelander, WI 54501
 (715) 365-8919
 Email: JohnF1.Kubisiak@wisconsin.gov